

IN THE CLAIMS:

1. (Currently amended) A solid-water material for detoxifying a hydrophobic chemical agent or a and hydrophobic biological agent agents, comprising:

a detoxifying reagent, and

a hydrophobic nanoparticle material encapsulating said detoxifying reagent to form a porous coating, wherein said hydrophobic nanoparticle material comprises a weight that is 3-7% of the weight of said detoxifying reagent, wherein when said hydrophobic nanoparticle material contacts said hydrophobic chemical agent or said hydrophobic biological agent, said porous coating breaks down and said detoxifying reagent is delivered directly to said hydrophobic chemical agent or said hydrophobic biological agent.

2-3. (Canceled)

4. (Original) The solid-water material of Claim 1, wherein said detoxifying reagent is composed of an aqueous or mixed solvent solution containing at least one active reagent.

5. (Currently amended) The solid-water material of Claim 1, wherein said detoxifying reagent is selected from the groups group consisting of

hydrogen peroxide, potassium permanganate, sodium hypochlorite, ammonium persulfate, ~~and ammonium peroxymonosulfate, and other liquid biocides or an~~ oxidizing agent.

6. (Currently amended) The solid-water material of Claim 1, wherein said hydrophobic material is selected from the group consisting of ~~treated materials consisting of~~ silica, alumina, clay, and other refractory oxides.

7. (Original) The solid-water material of Claim 1, wherein said detoxifying reagent is composed of 1N oxone solution, and wherein said hydrophobic material is composed of treated fumed silica.

8-19 (Canceled)